

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095637.D
 Acq On : 2 Jun 2017 16:52
 Operator : SJ/MA
 Sample : I3412-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4-COMP

Quant Time: Jun 03 02:44:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

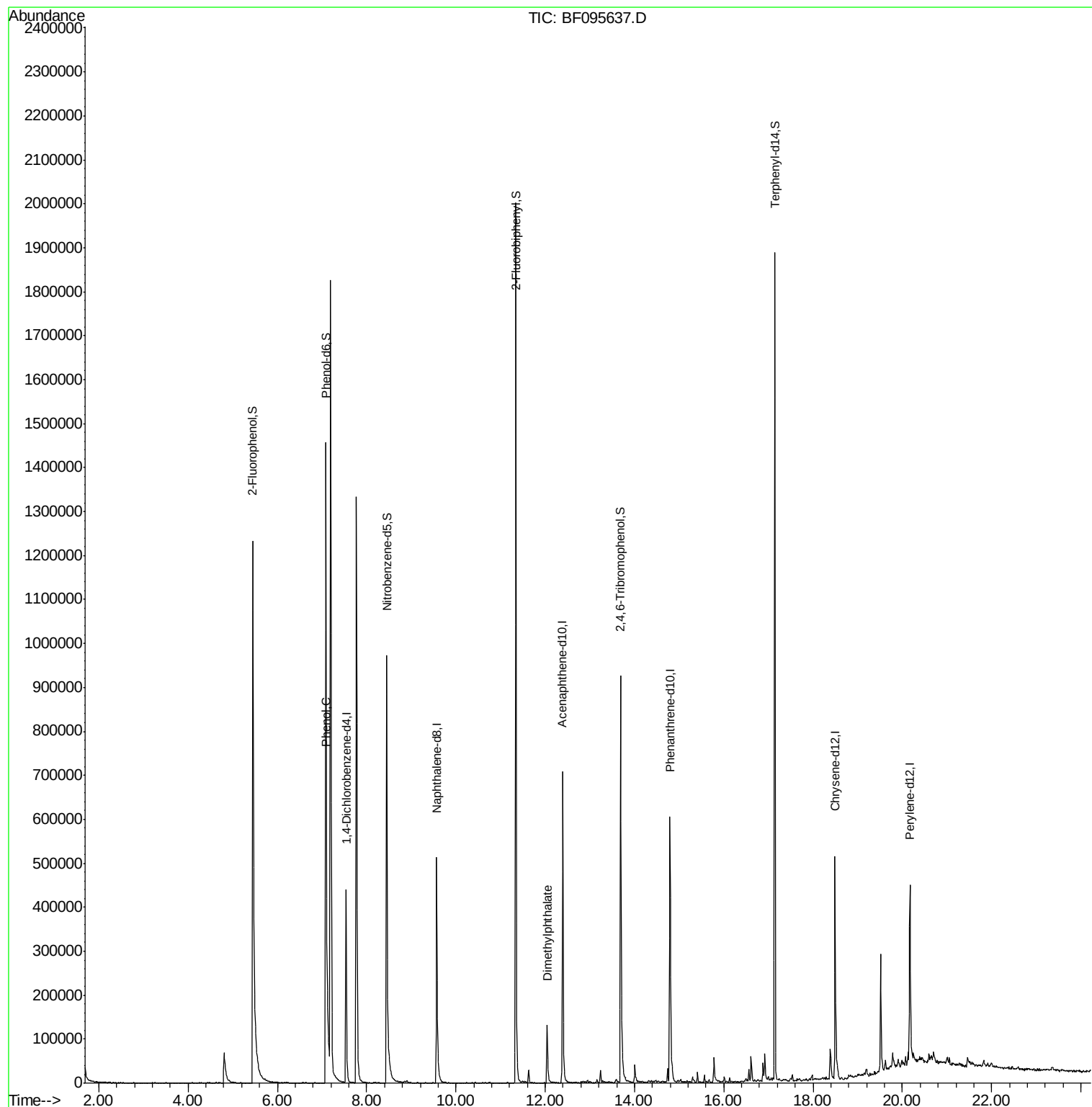
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	113673	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	416663	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	202732	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	376554	20.00	ng	0.00
75) Chrysene-d12	18.50	240	252419	20.00	ng	0.00
86) Perylene-d12	20.17	264	209435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	783079	114.85	ng	0.00
7) Phenol-d6	7.09	99	999550	122.18	ng	-0.01
23) Nitrobenzene-d5	8.45	82	572363	86.62	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	182540	109.94	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	913423	64.85	ng	0.00
78) Terphenyl-d14	17.14	244	712280	62.15	ng	0.00
Target Compounds						
10) Phenol	7.10	94	40462	4.69	ng	Qvalue # 72
49) Dimethylphthalate	12.04	163	105749	6.35	ng	100

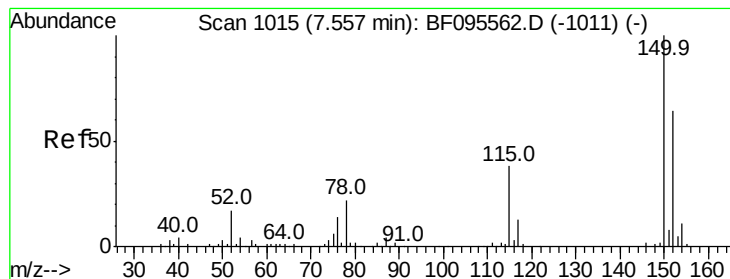
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

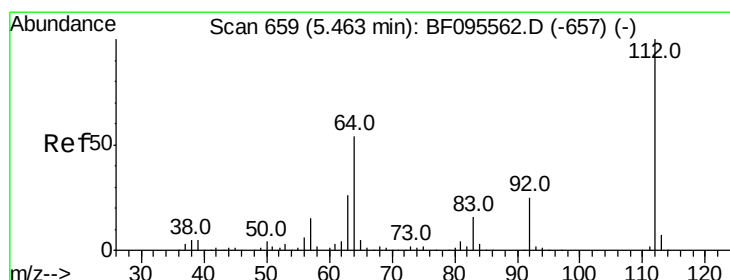
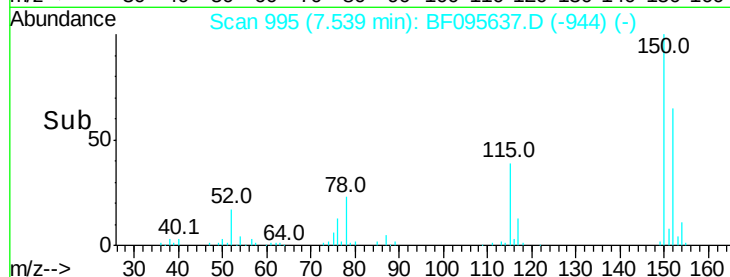
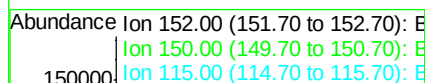
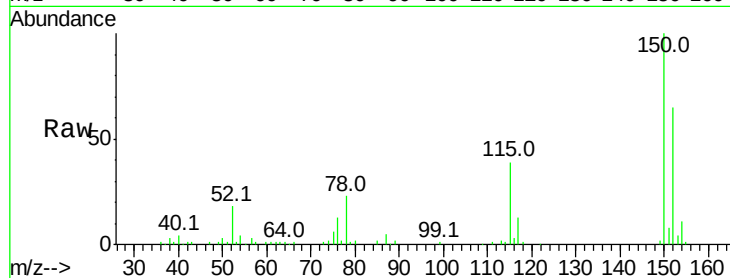
Tot Ion:152 Resp: 113673

Ion Ratio Lower Upper

152 100

150 153.5 126.2 189.2

115 59.9 52.2 78.2



#5

2-Fluorophenol

Concen: 114.85 ng

RT: 5.45 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

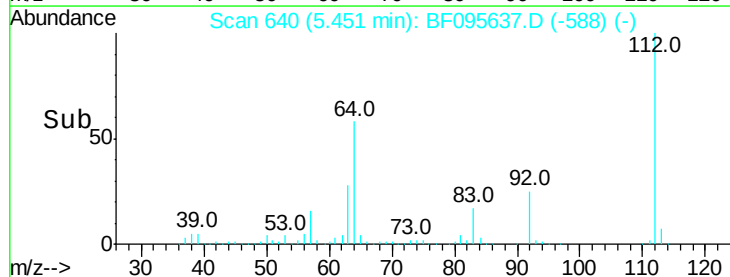
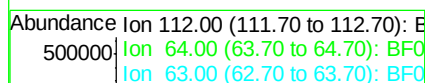
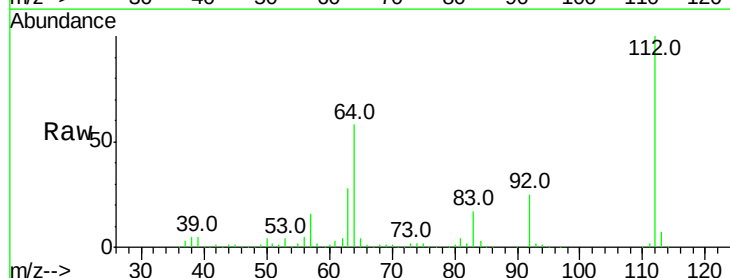
Tgt Ion:112 Resp: 783079

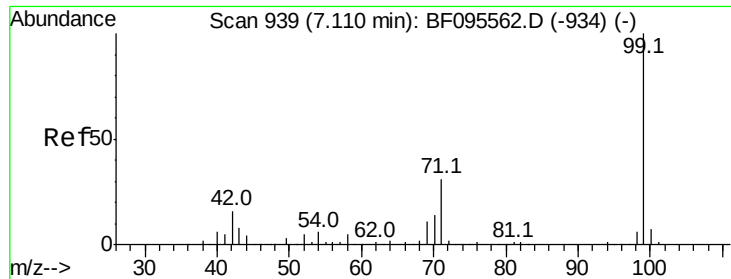
Ion Ratio Lower Upper

112 100

64 57.5 46.0 69.0

63 27.9 23.4 35.0





#7

Phenol-d6

Concen: 122.18 ng

RT: 7.09 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

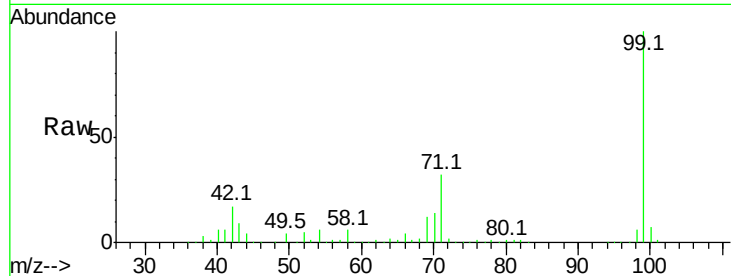
Tot Ion: 99 Resp: 999550

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

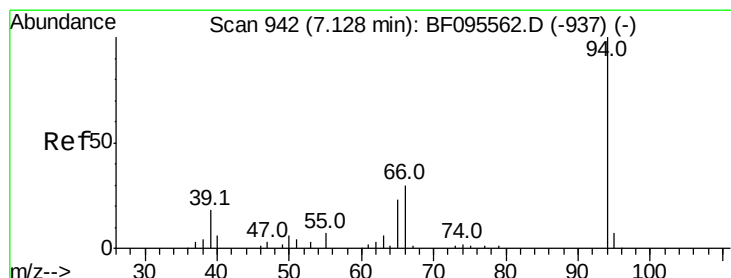
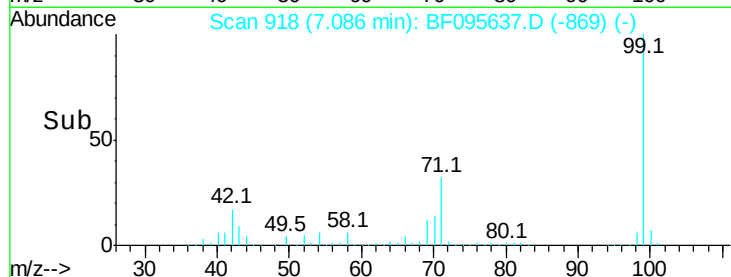
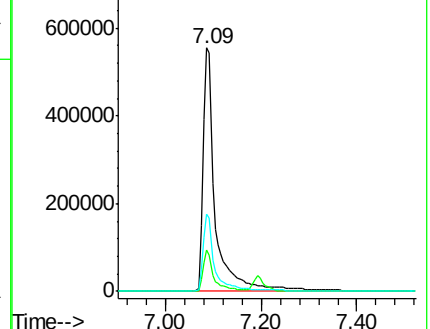
71 31.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.69 ng

RT: 7.10 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

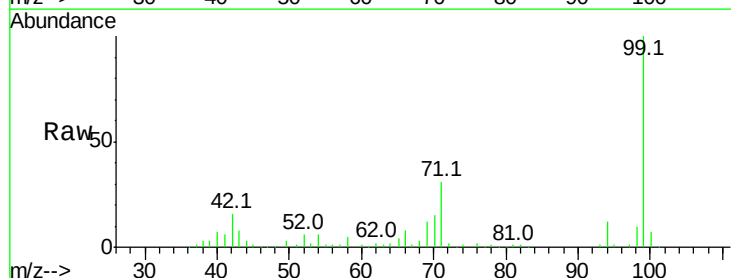
Tgt Ion: 94 Resp: 40462

Ion Ratio Lower Upper

94 100

65 34.9 9.9 49.9

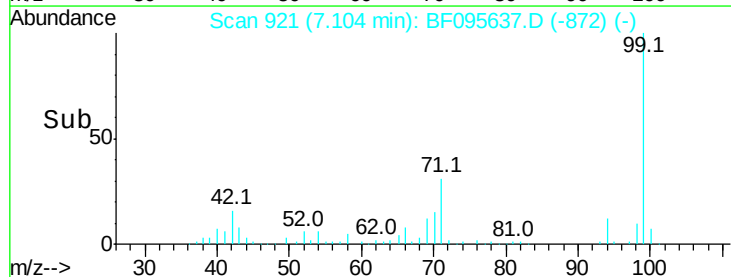
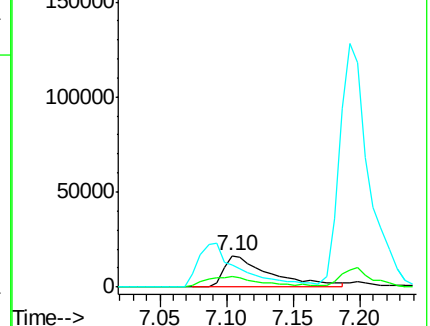
66 69.0 23.1 63.1#

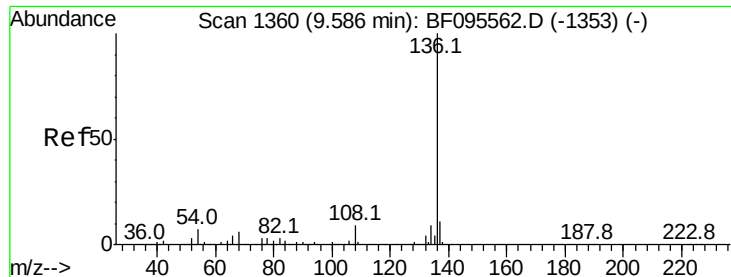


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

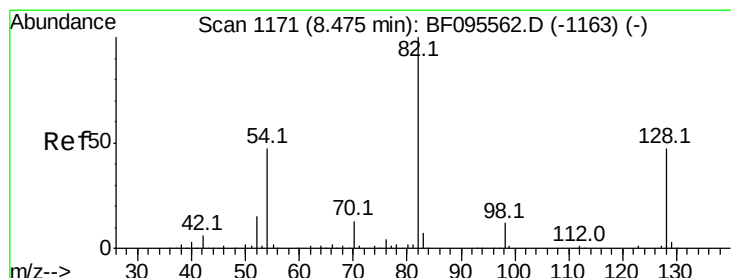
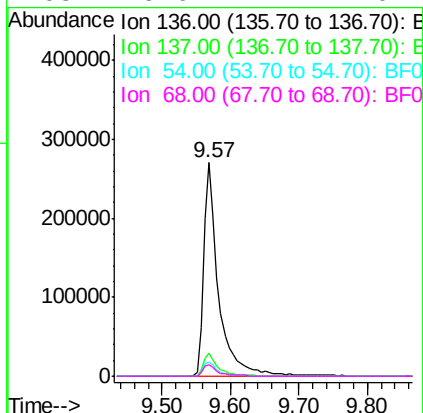
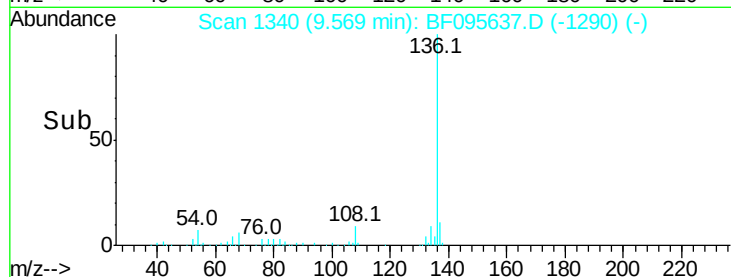
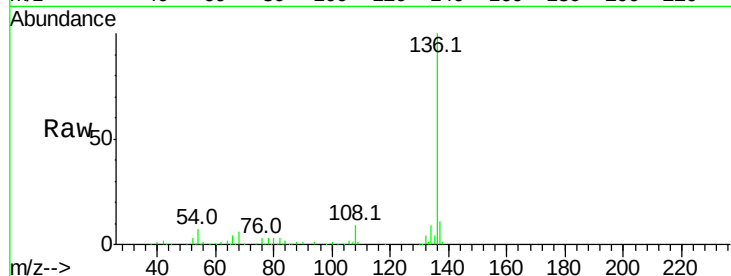




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095637.D
Acq: 2 Jun 2017 16:52

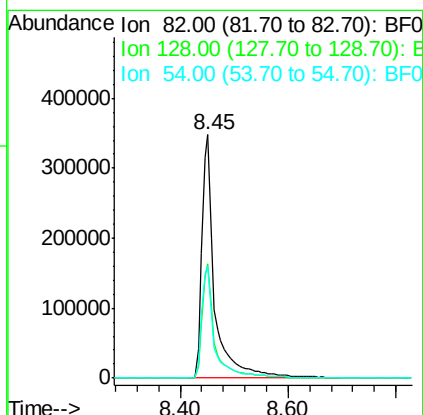
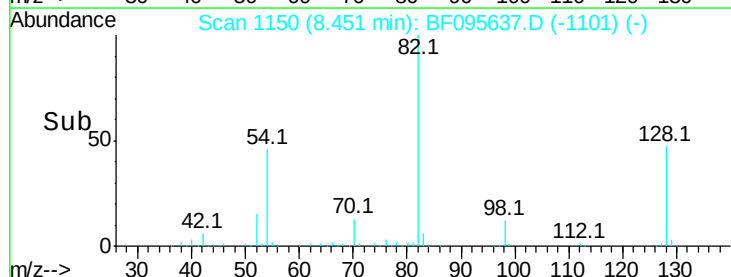
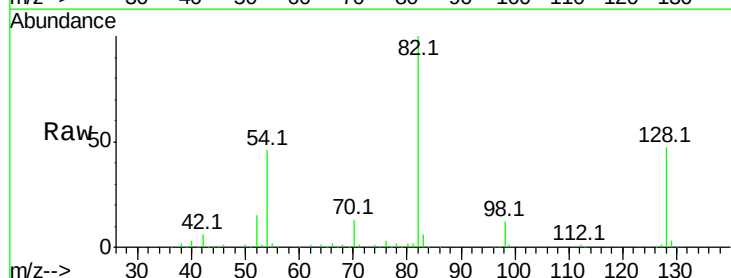
Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4-COMP

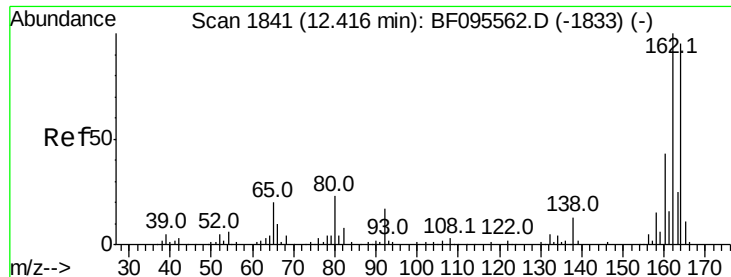
Tot Ion:136	Resp:	416663
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.5 12.7
54	6.8	4.9 7.3
68	5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 86.62 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095637.D
Acq: 2 Jun 2017 16:52

Tgt Ion: 82	Resp:	572363
Ion	Ratio	Lower Upper
82	100	
128	47.0	34.0 51.0
54	45.7	42.2 63.2

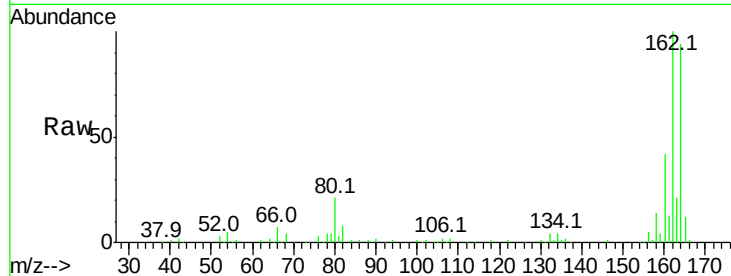




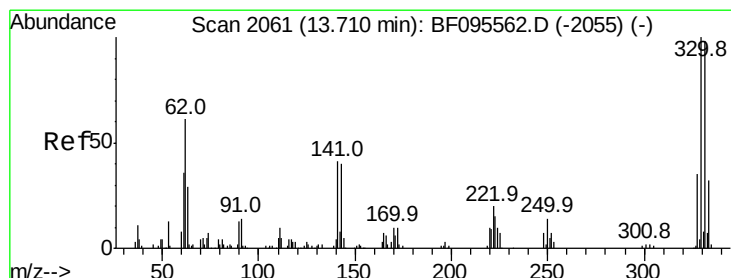
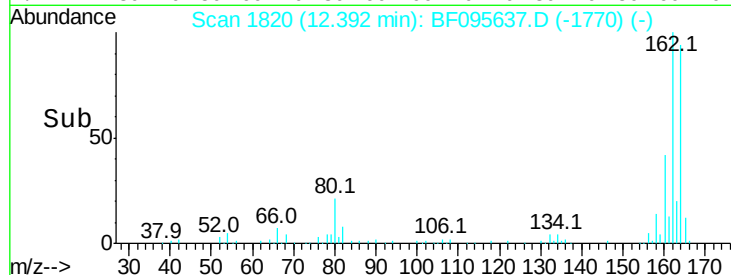
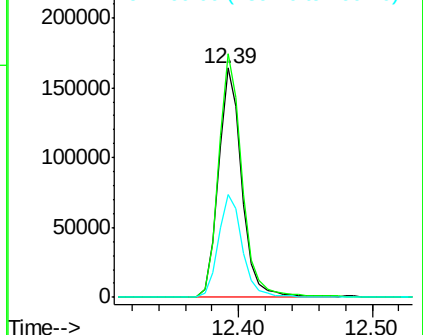
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095637.D
 Acq: 2 Jun 2017 16:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4-COMP

Tot Ion:164 Resp: 202732
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.6 123.8
 160 44.6 36.2 54.2

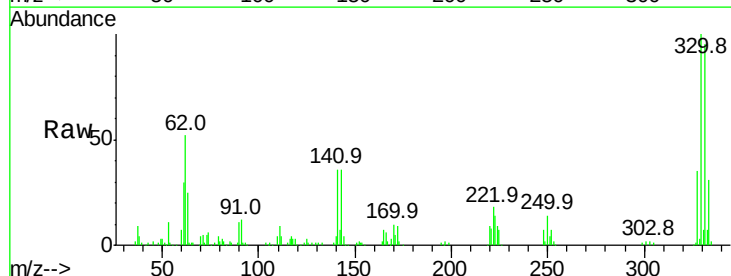


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

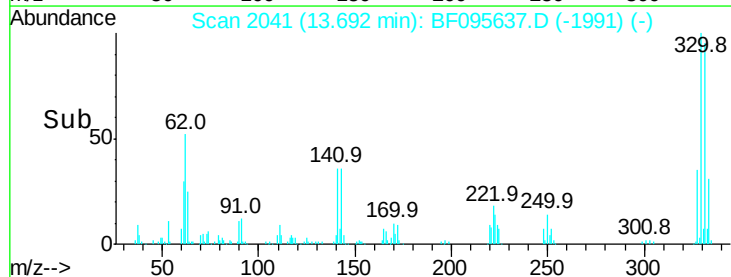
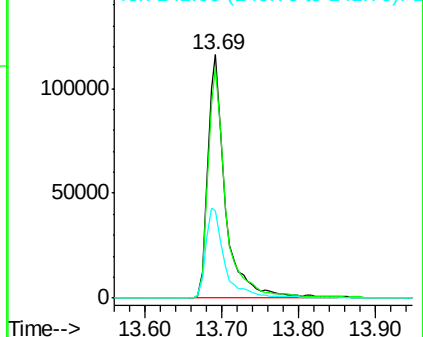


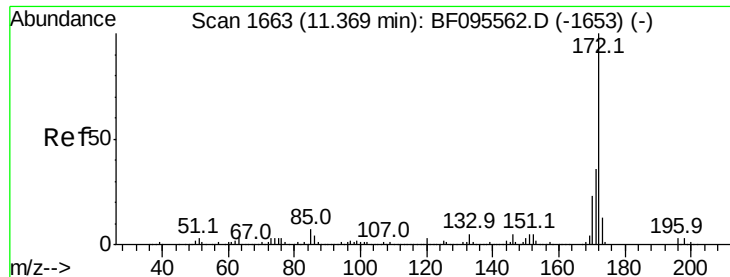
#41
 2,4,6-Tribromophenol
 Concen: 109.94 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095637.D
 Acq: 2 Jun 2017 16:52

Tgt Ion:330 Resp: 182540
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.9 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 64.85 ng

RT: 11.34 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

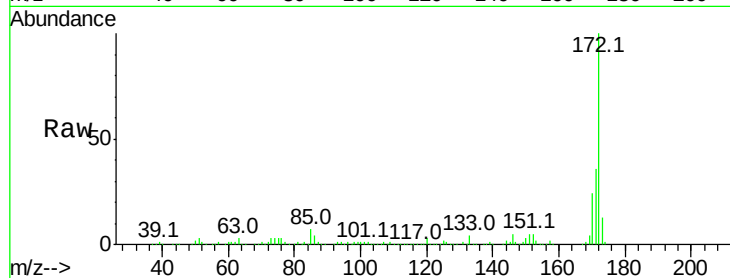
Tot Ion:172 Resp: 913423

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

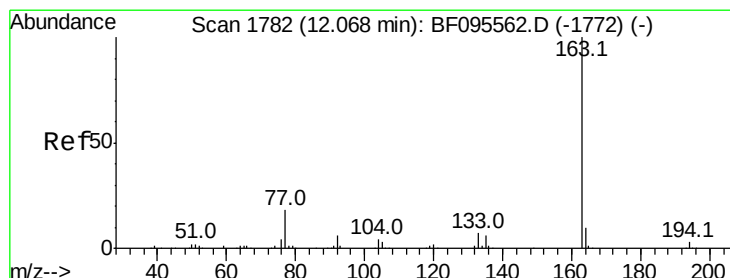
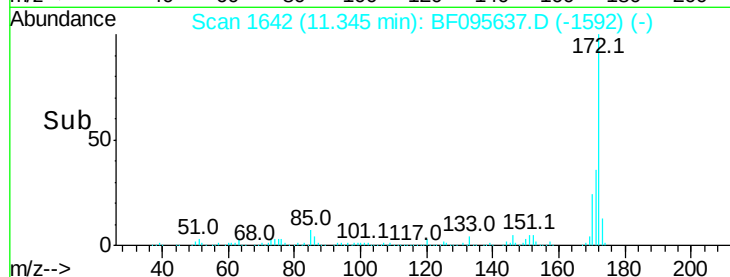
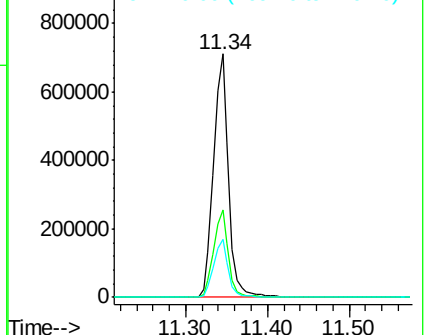
170 23.6 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 6.35 ng

RT: 12.04 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

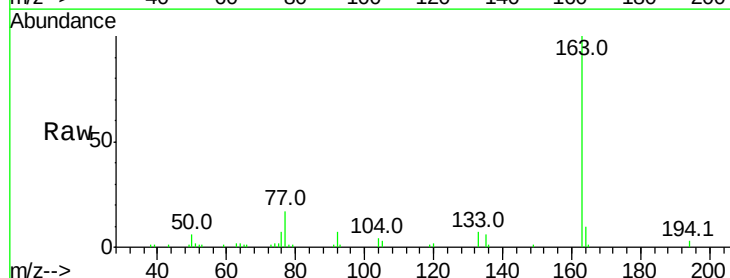
Tgt Ion:163 Resp: 105749

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

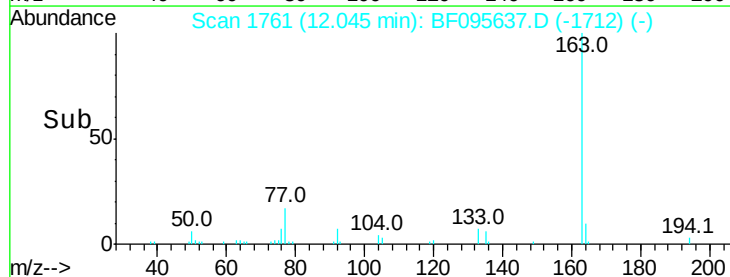
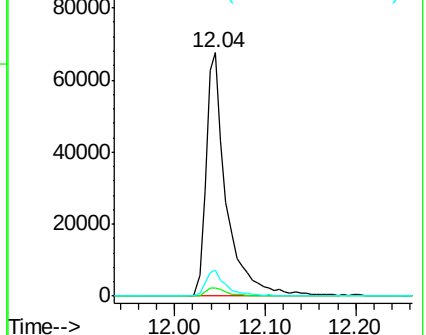
164 10.5 8.4 12.6

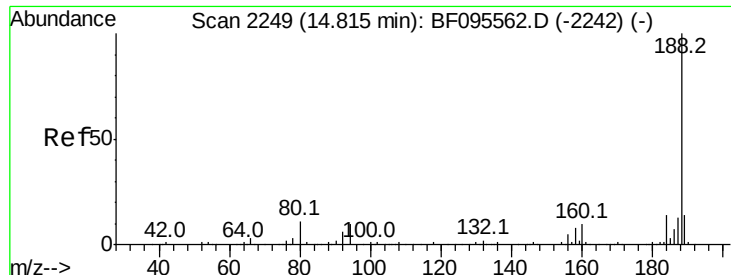


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

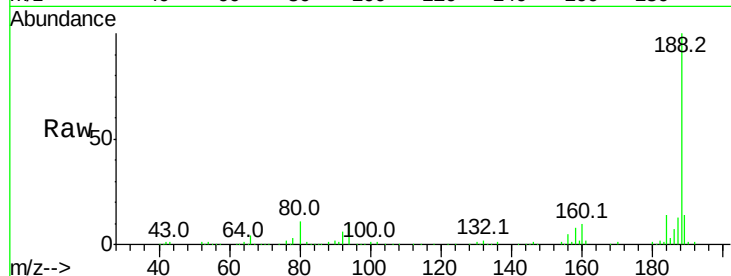




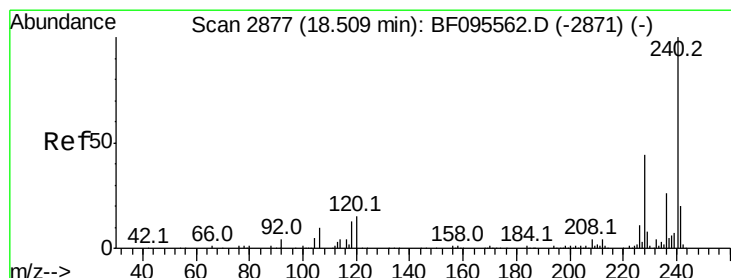
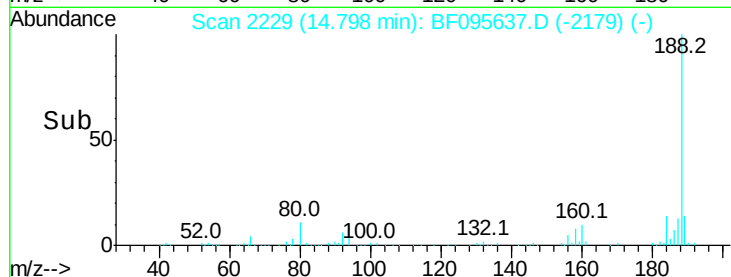
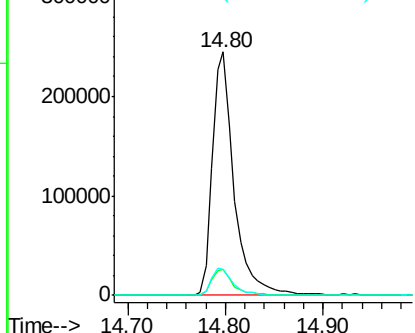
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095637.D
 Acq: 2 Jun 2017 16:52

Instrument :
 BNA_F
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 TP-3-TP-4-COMP

Tot Ion:188 Resp: 376554
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 10.9 10.2 15.2

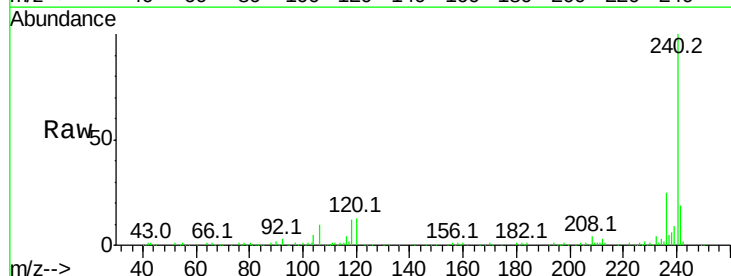


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

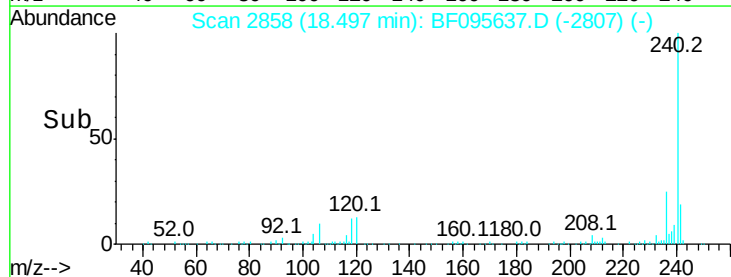
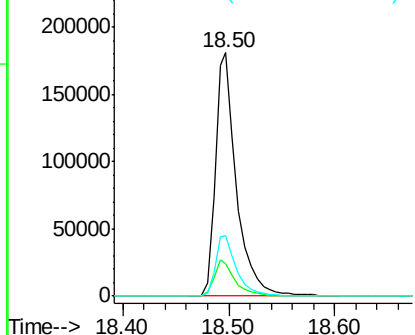


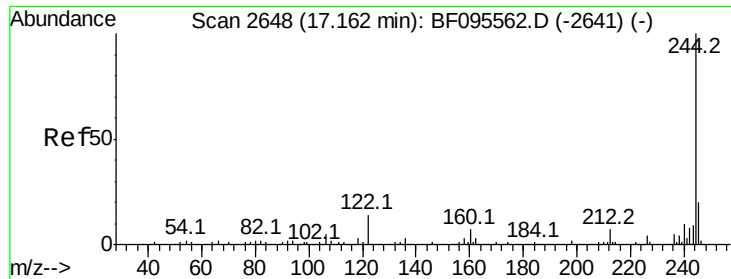
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095637.D
 Acq: 2 Jun 2017 16:52

Tgt Ion:240 Resp: 252419
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.8 8.8#
 236 25.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.15 ng

RT: 17.14 min Scan# 2628

Delta R.T. -0.01 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4-COMP

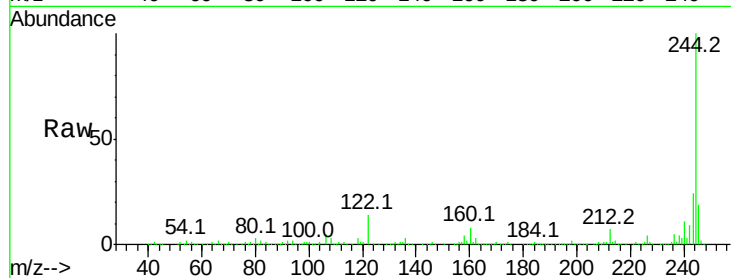
Tot Ion:244 Resp: 712280

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

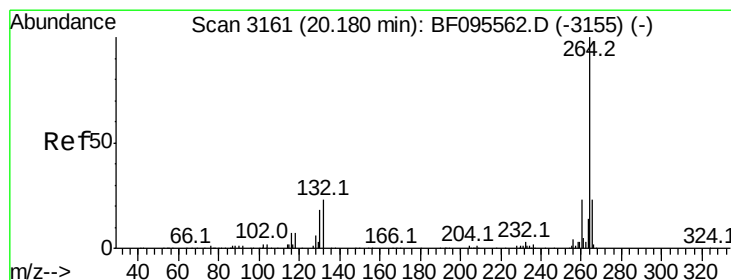
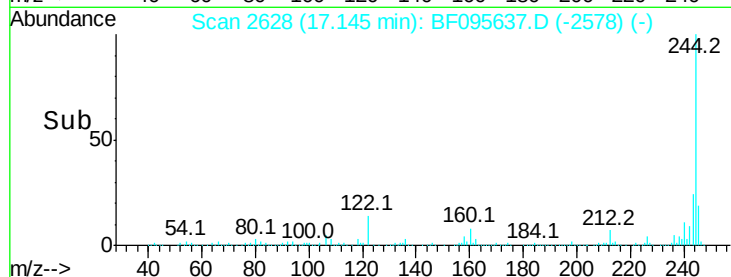
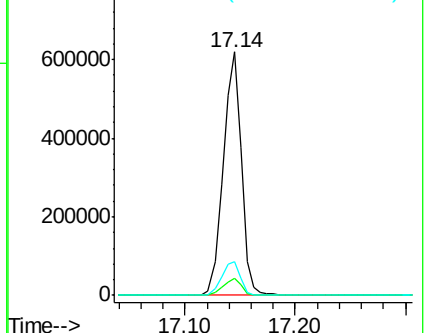
122 13.8 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.17 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BF095637.D

Acq: 2 Jun 2017 16:52

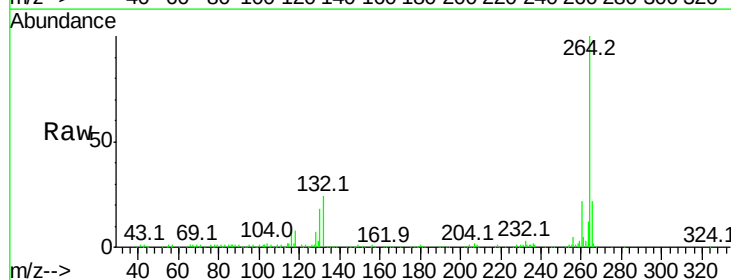
Tgt Ion:264 Resp: 209435

Ion Ratio Lower Upper

264 100

260 22.1 19.5 29.3

265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

